Eclipse Kura
Eclipse Open IoT Stack for Java

OSGi Application Container (Eclipse Equinox, Concierge)

Java SE 7 / 8 (OpenJDK)
Kura Project Plan

- Kura 1.1.1
  - Released in Dec 2014
  - GPIO, I2C, SPI, PWM, UART
  - OpenJDK Device I/O
  - Paho 1.0.1
  - New Upgrade Procedure
  - Advanced Firewall Config
  - Advanced Modem Monitor
  - Documentation and Tutorials

- Kura 1.2.0
  - Planned for Q2 2015
  - Bluetooth LE (gatttools)
  - Bluetooth Classic (bluecove)
  - JDK 8 Validation
  - Eclipse OSGi Concierge
  - Many bug fixes
  - Preview of:
    - CoAP Transport
    - LWM2M Management
Kura Next Steps

- Integrations
  - Californium/Leshan
    - Started in Q1
  - Eclipse Vorto
    - Started in Q1
  - Apache Camel
    - Started in Q1
  - Eclipse SCADA
    - Start in Q2
  - BitReactive
    - Work on integrated release

- New Tutorials
  - Shoot-a-Pi (Q1)
  - TI SensorTag (Q2)
  - MQTT Management

- Key Challenges

- Licenses
  - GPL+CPE License
  - FLOSS License
  - Need separate distribution

- Community
  - Widen Community
  - External contributors
Thank You! Next Steps

- [https://github.com/eclipse/kura/](https://github.com/eclipse/kura/)

- Join the discussion:
  - kura-dev mailing list
  - iot-dev mailing list